云 南 植 物 研 究 1996; 18 (4): 411～414
Acta Botanica Yunnanica

云南兰科二新种

刘方媛
（中国科学院昆明植物研究所，昆明 650204）

TWO NEW SPECIES OF ORCHIDACEAE FROM YUNNAN

LIU Fang-Yuan
(*Kunming Institute of Botany, Chinese Academy of Sciences,* Kunming 650204)

关键词 兰科，蝶兰属，兰属，新种
Key words Orchidaceae, *Phalaenopsis, Cymbidium,* New species

楚雄蝶兰 新种 图 1

Phalaenopsis chuxiongensis F. Y. Liu, sp. nov.

Species nova proxima *P. minori* Liu, sed foliis anguste lanceolatis ad 4, synanthiis; inflorescentia pendula; floribus ad 4 cm diam., sepalo intermedio et petalis spathulatis; labello purpureo-rubro, lobo intermedio apice undulato, flavo-maculato; ovario cum pedicello longiore ad 4 cm longo distincta.

Epiphytica, radicibus copiosis compressis verruculosis; caulis brevissimus, 4～6 cm altus. Folia 3～4, synanthia, fere basalia, anguste lanceolata, 1.9～3.3 cm longa, 7～10 mm ,lata, apice oblique acuta, basi cuneata et articulata; vaginis persistentibus, c. 5 mm longis, purpureo-rubro-punctatis. Inflorescentia pendula, 9～13 cm longa, simpex laxe 2～8-flora, basi vaginis squamiforibus 3, late ovatis 5 mm longis, 3 mm latis ima cylindrica praedita; bracteae ovatae, 3～4 mm longae.Flores c. 4 cm diam., praeter labellum rubelli; sepalo intermedio spathulato, apice acuto, c. 18 mm longo, 6 mm lato; sepalis lateralibus ovato-spathulatis, apice obtusis, c. 18 mm longis, 7 mm latis, basi cum pede columnae mentum c. 5 mm longum formatibus; petalis spathulato-oblanceolatis, apice obtusis, c. 18 mm longis, 8.5 mm latis; labello trilobo purpureo-rubro; lobis lateralibus erectis oblongis, 7 mm longis 3 mm latis, eo intermedio obcordato, c. 11 mm longo, 5 mm lato, apice undulato, flavo-maculato, prope apicem callo longe ovoideo pulvinato-incrassato centro carina lamelliformi basi c. 3 mm lata, et disco inter lobos laternales callis doulus basi connatis apice bifidis praedito. Columna leviter arcuata, c. 10 mm longa, basi in pedem c. 4 mm longum producta; stigmate cavo, magno; operculo antherae cucullato, apice rostrato; polliniis 4 pyriformibus, quorum doubus superioribus minoribus; ovario cum pedicello gracili, c. 4 cm longo. Capsula 10～12 cm longa, clavata.

Yunnan（云南）: Chuxiong（楚雄）, alt. 1990 m, on tree, 1992-04-01, F. Y. Liu（刘方媛）92001 (Holotype KUN）.

本新种近于 *Phalaenopsis minor* Liu 但叶狭披针形，达 4 枚，花叶同时；花序下垂，花径达 4 cm，易于区别。

1995-12-28 收稿，1996-04-25 修回

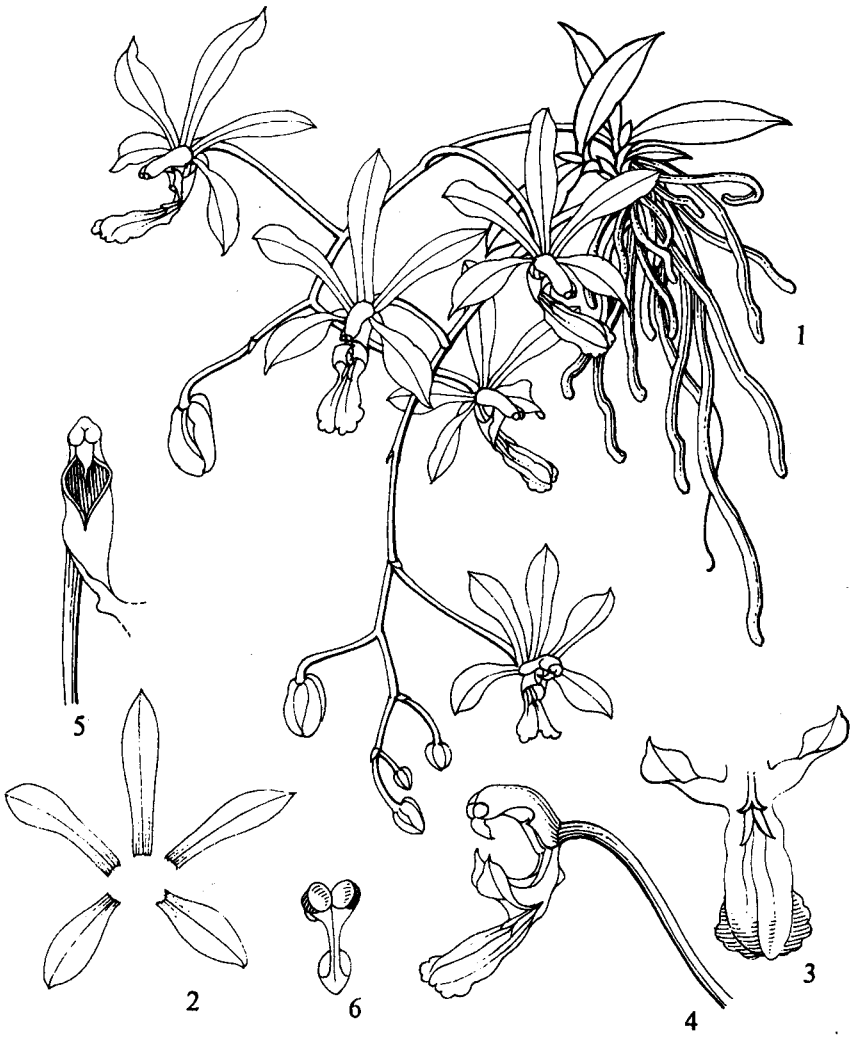

图 1 楚雄蝶兰 *Phalaenopsis chuxiongenses* F. Y. Liu, sp. nov.

1.全株；2.中萼片、侧萼片及花瓣；3.唇瓣展开；4.唇瓣及合蕊柱侧面观；5.合蕊柱；6.花粉块（肖溶绘）

马关兰 新种 图 2

Cymbidium maguanense F. Y. Liu, sp. nov.

Cymbidium eburneo Lindl. affinis, sed differt foliis basium equitantibus 15; caule ad 30 cm longo; scapo 1～2 e foliorum inferiorum axillis orto ad 45 cm lato, 2～5-floro; sepalis et petalis apice acuminatis; labelli lobo intermedio obovato, flavomaculato, intus breviter tomentoso.

Herba epiphytica, c. 50 cm alta. Caulis teres, 10～30 cm longus, 2～2.5 cm crassus; radicibus teretibus, 5～ 7 mm crassis; cataphyllis 4～ 5, alte lanceolatis, 7.6～ 13 cm longis, 2.2～ 3 cm latis, apice oblique acuminatis. Folia 15, viridia, subcoriacea, linearia, 53～ 75 cm longa, 1.4～ 1.7 cm lata, apice oblique acuminata et biloba, integra, basi in pediolos conduplicatos, articulatos 3～5 mm longos sensim angustata;

图 2 马关兰 *Cymbidium maguanense* F. Y. Liu, sp. nov.

1.全株；2.中萼片；3.侧萼片；4.花瓣；5.唇瓣；6.花粉块；7.叶尖（杨建昆绘）

costa subtus carinata; nervis lateralibus obscuris. Scapus 1～2 e axillis foliorum inferiorum ortus, teres, 40～45 cm longus, viridis, 2～5-florus; bracteae lanceolatae, 7.6～13.4 cm longae, 2.2～3 cm latae, virides, membranaceae. Flores 6.5 cm diam., fragrantes; sepalis et petalis albis, subtus dilute purpureis; sepalo intermedio late lanceolato, 5.1～6 cm longo, 1.5～2 cm lato, apice gradatim acuto lateralibus falcuto-lanceolatis, 4.8～5.5 cm longis, 1.5～1.8 cm latis; petalis oblique lanceolatis, 4.7～5.2 cm longis, 1～1.1 cm latis; labello oblongo-ovato c. 4.5 cm longo, 2 cm lato, albo, undulato; lobis lateralibus, erectis, oblongis, c. 3.9 cm longis, 8 mm latis, apice obtuso-rotundatis, obscure striatis, lobo intermedio obovato, c. 1.3 cm longo, 1.8 cm lato, margine undulato, flavo-maculato, intus breviter tomentoso; disco carinis 2 flavis et apice incrassatis; columa clavata, c. 3.5 cm longa, 6 mm lata; ovario cum pedicello c. 4.5 cm longo, 3 mm crasso; polliniis 2, pyriformibus ad viscum subtriangulum insertis.

Yunnan（云南）: Maguan（马关）, alt. 1800 m, on tree, 9 XI 1988, F. Y. Liu（刘方媛）88004 (Holotype, KUN).

马关兰近于 *Cymbidium eburneum* Lindl, 但基生叶跨状排列，15枚；茎不断延长达30 cm；花葶1～2枚，从下部叶腋中伸出，高达45 cm，具2～5朵花；花萼与花瓣顶端渐尖；唇瓣中裂片倒卵形，具黄色斑点，内具短绒毛。

* * * * * * * * * *